KENWOOD KC 993

MODEL

SERVICE MANUAL

X09-376X-XX) (A/2)

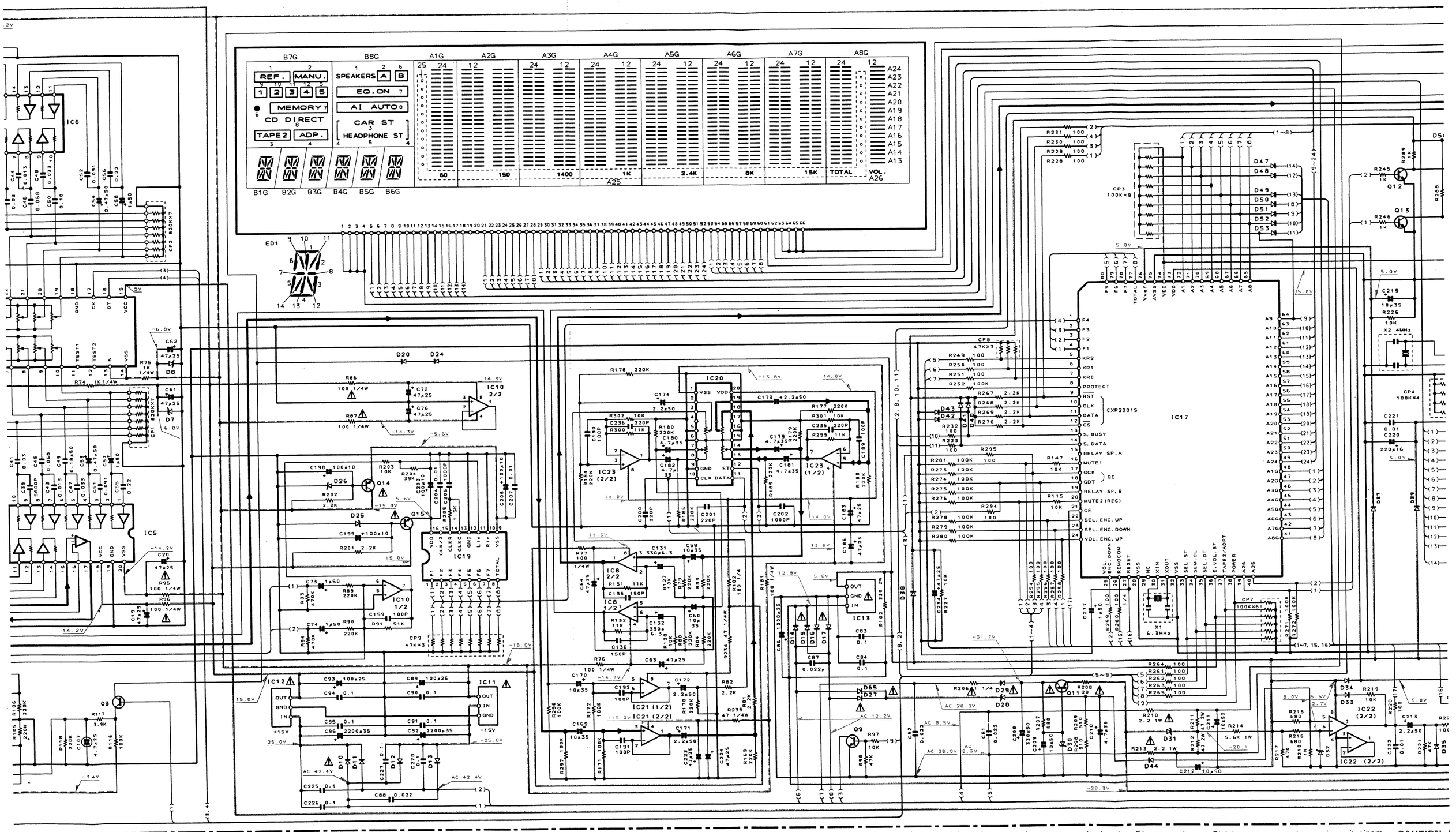
PHONO
CD
TUNER
AUX/ VIDEO 1
VIDEO 2
REC TAPE 1 PLAY
REC TAPE 2 /ADPT PLAY

IC1 (1/2)
IC1 (2/2)
IC2
IC3
IC4 (1/2)
IC4 (2/2)
IC5
IC6
IC7
IC10 1/2
IC10 2/2
IC11
IC12
IC14 (2/2)
IC14 (1/2)
IC19

PHONO
CD
TUNER
VIDEO1
VIDEO2
TAPE1
SOURSE
TAPE2
ST
GND
VDD
DI
CK

CD DIRECT
GE OFF
GE ON
GE REC
GE REC
REC1
SUBSONIC
LCD
CD DIR

B7G
B8G
A1G
A2G
A3G
REF.
MANU.
SPEAKERS A B
EQ.ON
AI AUTO
MEMORY
CD DIRECT
TAPE2
ADP.
CAR ST
HEADPHONE ST
B1G B2G B3G B4G B5G B6G
ED1
CP1 820K×7
CP2 820K×7
CP9 47K×3



DC voltages are as measured with a high impedance voltmeter with no signal input. Values may vary slightly due to variations between individual instruments or/and units.

Les tensions c.c. doivent être mesurées avec un voltmètre à haute impédance sans signal d'entrée. Les valeurs peuvent différer légèrement du fait des variations inhérentes aux appareils et aux instruments de mesure individuels.

Die angegebenen Gleichspannungswerte wurden mit einem hochohmigen Spannungsmesser ohne Eingangssignal gemessen. Dabei schwanken die Meßwerte aufgrund von Unterschieden zwischen einzelnen Instrumenten oder Geräten u. U. geringfügig.

CAUTION: I
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parts list). ⚠
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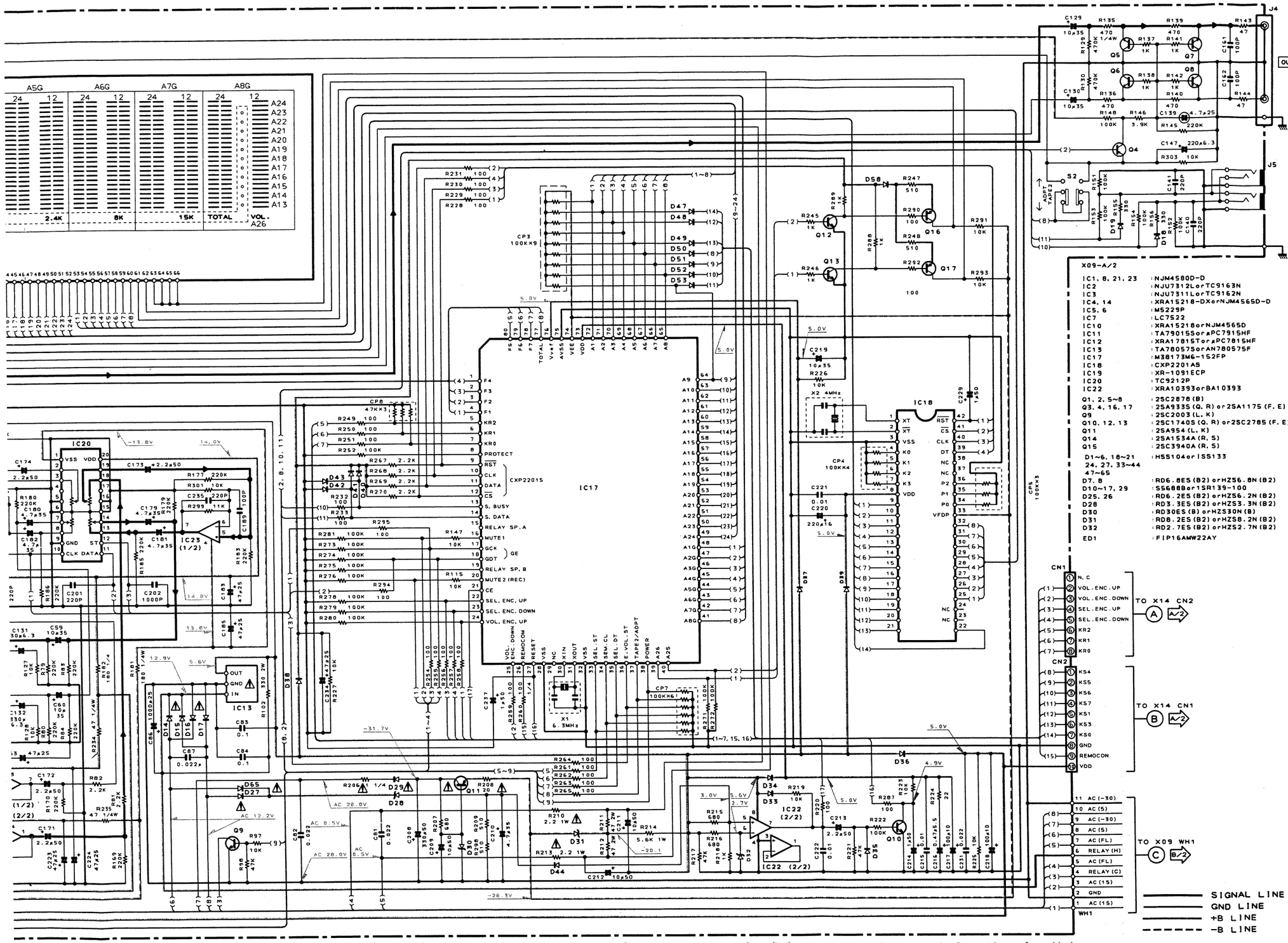
3741



X09-A/2

IC1, 8, 21, 23	: NJM4580D-D
IC2	: NJU7312L or TC9163N
IC3	: NJU7311L or TC9162N
IC4, 14	: XRA15218-DX or NJM4565D-D
IC5, 6	: M5229P
IC7	: LC7522
IC10	: XRA15218 or NJM4565D
IC11	: TA79015S or μPC7915HF
IC12	: XRA17815T or μPC7815HF
IC13	: TA78057S or AN780575F
IC17	: M38173M6-1S2FP
IC18	: CXP2201AS
IC19	: XR-1091ECP
IC20	: TC9212P
IC22	: XRA10393 or BA10393
Q1, 2, 5~8	: 2SC2878(B)
Q3, 4, 16, 17	: 2SA933S(Q, R) or 2SA1175(F, E)
Q9	: 2SC2003(L, K)
Q10, 12, 13	: 2SC1740S(Q, R) or 2SC2785(F, E)
Q11	: 2SA954(L, K)
Q14	: 2SA1534A(R, S)
Q15	: 2SC3940A(R, S)
D1~6, 18~21, 24, 27, 33~44, 47~65	: HSS104 or 1SS133
D7, 8	: RD6.8ES(B2) or HZS6.8N(B2)
D10~17, 29	: S5688B or 1SR139-100
D25, 26	: RD6.2ES(B2) or HZS6.2N(B2)
D28	: RD3.3ES(B2) or HZS3.3N(B2)
D30	: RD30ES(B) or HZS30N(B)
D31	: RD8.2ES(B2) or HZS8.2N(B2)
D32	: RD2.7ES(B2) or HZS2.7N(B2)
ED1	: FIP16AMW22AY

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CAUTION: For continued safety, replace safety critical components only with manufacturer's recommended parts (refer to parts list). ⚠ Indicates safety critical components. To reduce the risk of electric shock, leakage-current or resistance measurements shall be carried out (exposed parts are acceptably insulated from the supply circuit) before the appliance is returned to the customer.

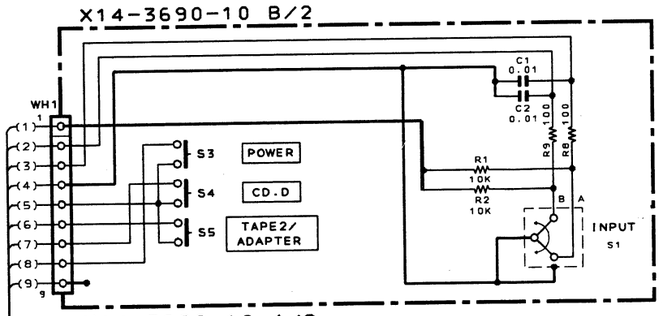
3741

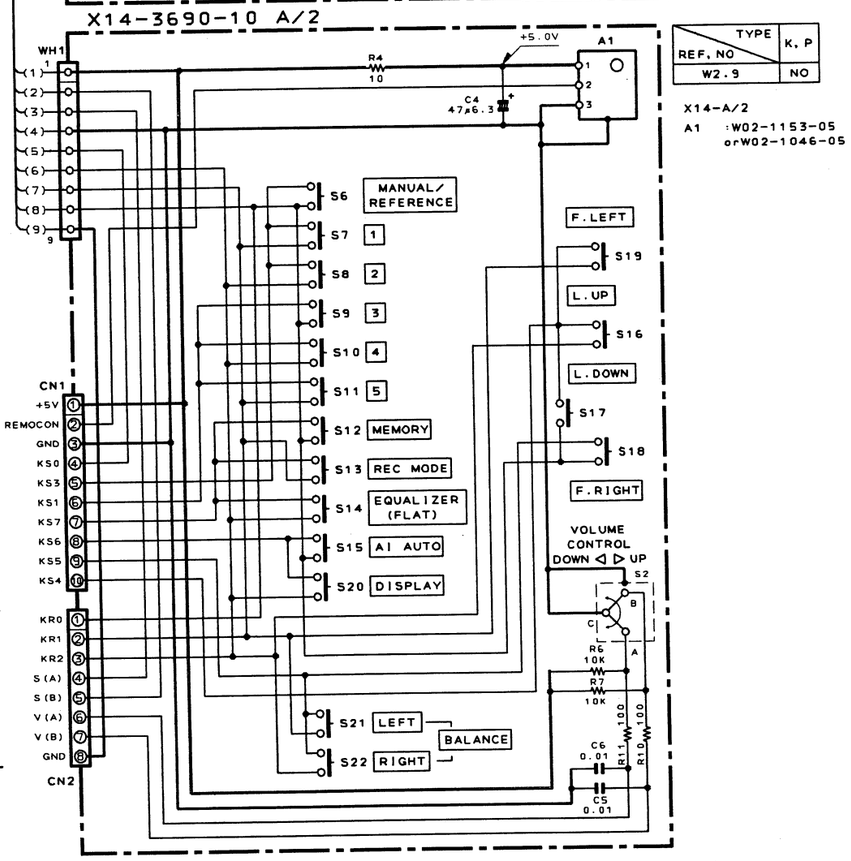
1/2

KC-993

Y08-4750-10

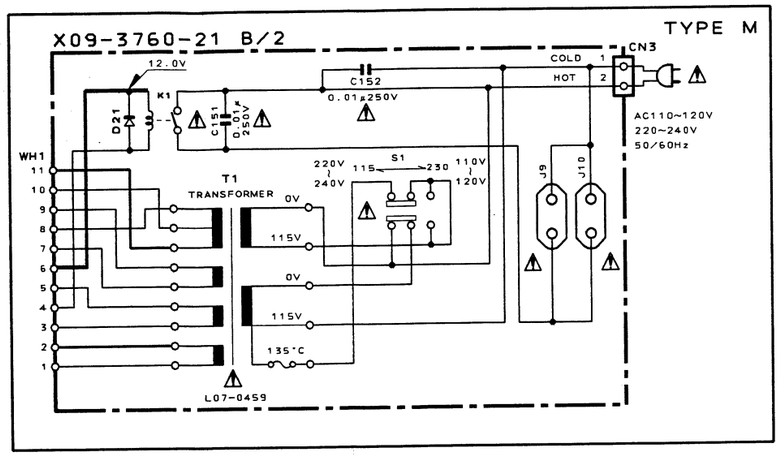
KENWOOD

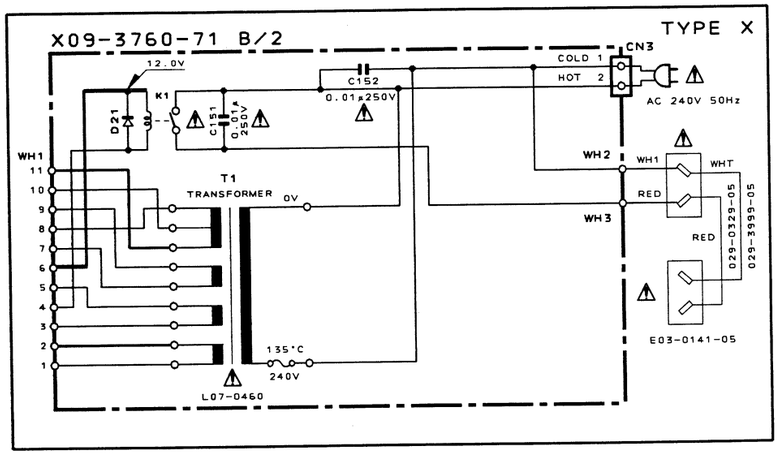


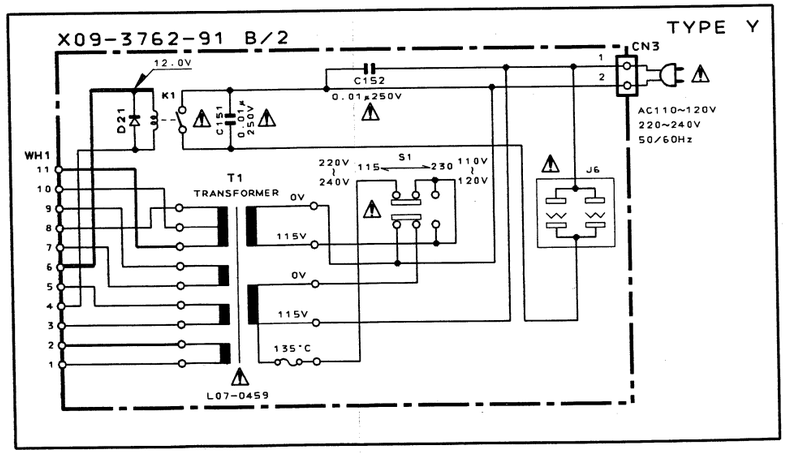


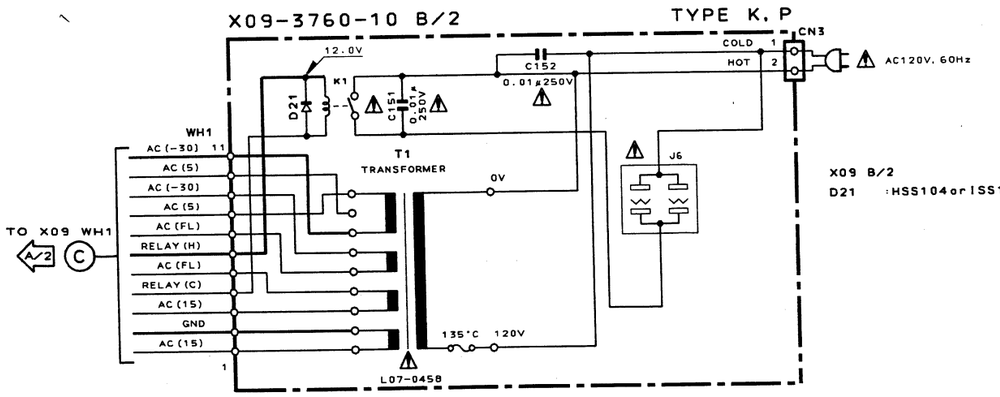
TYPE / REF. NO	K, P
W2.9	NO

X14-A/2
A1 :W02-1153-05
orW02-1046-05

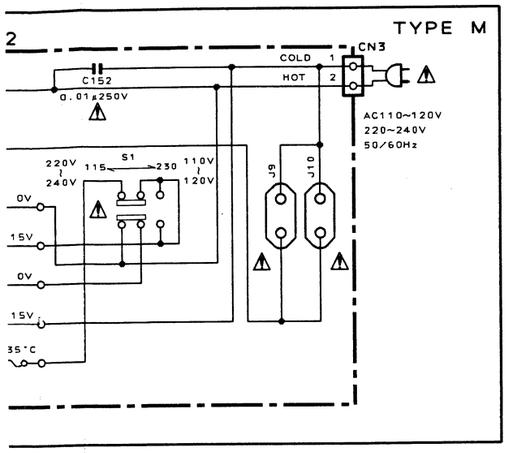


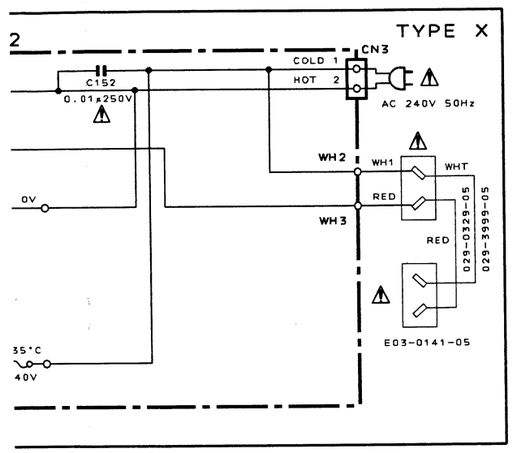


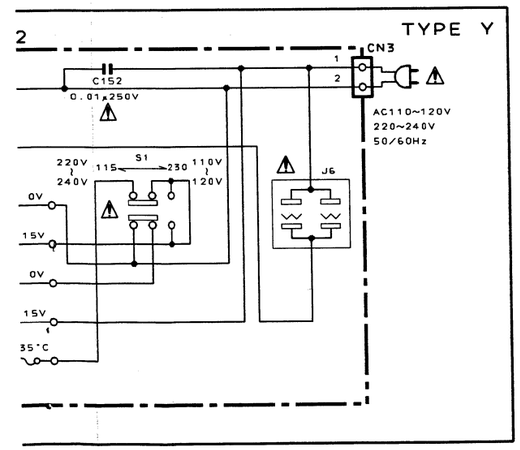


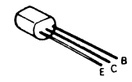


X09 B/2
D21 :HSS104orISS133

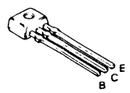


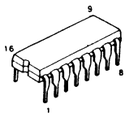




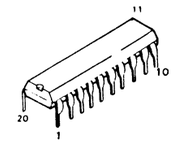


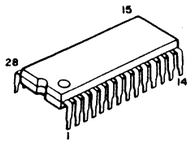
2SA1534A
2SA954
2SC2003
2SC2878
2SC3940A



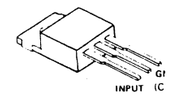


TC9212P



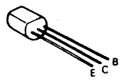


LC7522
NJU7311L
NJU7312L

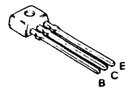


UPC7915HF

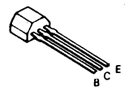
GND LINE
+B LINE



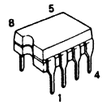
2SA1534A
2SA954
2SC2003
2SC2878
2SC3940A



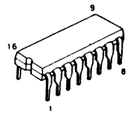
2SA1175
2SC2785



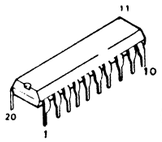
2SA933S
2SC1740S



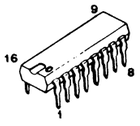
NJM4565D
NJM4565D-D



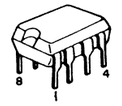
TC9212P



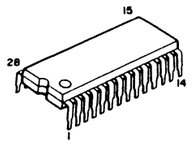
M5229P



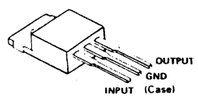
XR-1091ECP



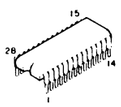
BA10393
NJM4580D-D
XRA10393



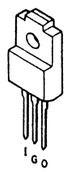
LC7522
NJU7311L
NJU7312L



UPC7815HF



TC9162N
TC9163N



AN7805F

UPC7915HF

GND LINE
+B LINE

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Y08-4750-10

KC-993

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